

FIG. 1

DVD_RTR DIRECTORY (DVD_RTAV)

| | |
|------------------|---|
| VMG (RTR_VMG) | RTR VIDEO MANAGER INFORMATION (VMGI OR RTR_VMGI) |
| | MOVIE AV FILE INFORMATION TABLE (M_AVFIT) |
| | STILL PICTURE AV FILE INFORMATION TABLE (S_AVFIT) |
| | ORIGINAL PGC INFORMATION (ORG_PGC1) |
| | USER DEFINED PGC INFORMATION TABLE (UD_PGC1T) |
| | TEXT DATA MANAGER (TXTDT_MG) |
| | MANUFACTURE'S INFORMATION TABLE (MNFIT) |
| | VIDEO DATA OF VMG MENU (VMGM_VOBS) |
| | BACKUP OF RTR_VMGI |
| ONE VTS | MANAGEMENT DATA OF VTS (VTS1=RTR_VMGI) |
| | VIDEO DATA OF VTS MENU (VTSM_VOBS=VMGM_VOBS) |
| | VIDEO DATA OF VTS (VTSTT_VOBS OR PROGRAM(S)) |
| | BACKUP OF VTS1 (=BACKUP OF RTR_VMGI) |

FIG.2

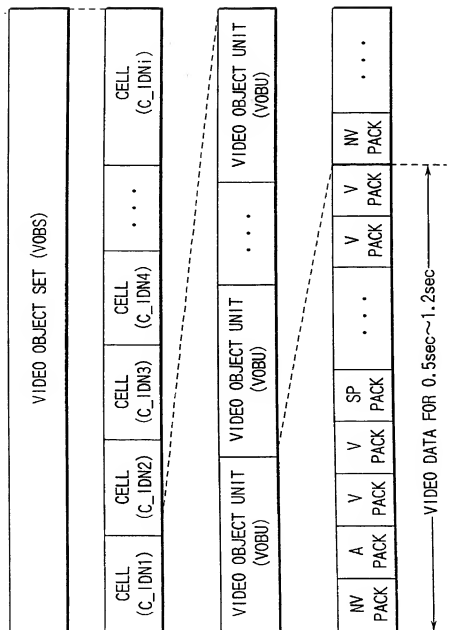


FIG. 3

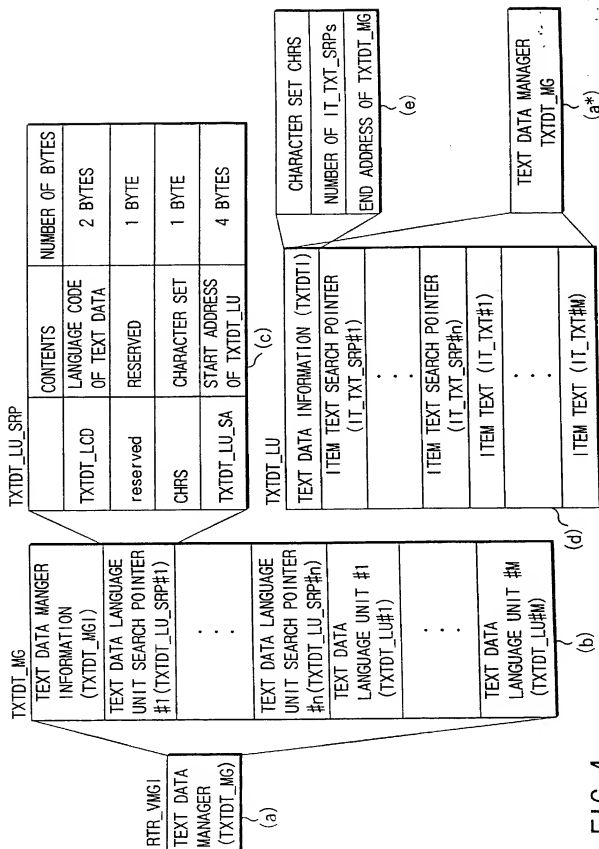


FIG. 4

TXTDT_LU_SRP

| | CONTENTS | NUMBER OF BYTES |
|------------------|---------------------------------------|-----------------|
| TXTDT_LCD | LANGUAGE CODE OF PRIMARY TEXT DATA | 2 BYTES |
| reserved | RESERVED | 1 BYTE |
| CHRS | CHARACTER SET | 1 BYTE |
| TXTDT_LU_SA | START ADDRESS OF TXTDT_LU | 4 BYTES |
| OPTION_TXTDT_LCD | LANGUAGE CODE OF OTHER TEXT DATA | 2 BYTES |

FIG.5

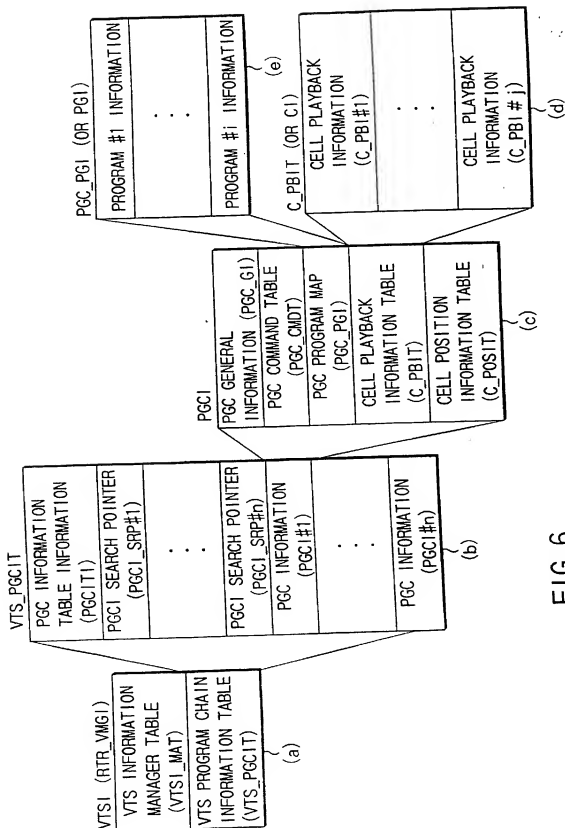


FIG. 6

C_PBI (OR CELL INFORMATION CI)

| RBP | | CONTENTS | NUMBER OF BYTES |
|----------|--------------------------|---|-----------------|
| 0 TO 3 | C_CAT | | |
| 4 TO 7 | C_PBTM | | |
| 8 TO 11 | C_FVOBU_SA | | |
| 12 TO 15 | C_FVOBU_EA | | |
| 16 TO 19 | C_LVOBU_SA | | |
| 20 TO 23 | C_LVOBU_EA | | |
| 24 TO 51 | PRIMARY TEXT INFORMATION | RECORDING START TIME STAMP (YEAR;4B, MONTH;4B, HOUR/MIN;3B) | 11 BYTES |
| | | RECORDING END TIME STAMP (YEAR;4B, MONTH;4B, HOUR/MIN;3B) | 11 BYTES |
| | | SOURCE NAME & TV CHANNEL NUMBER | 6 BYTES |
| 52 TO 53 | ITEM Number OF TEXT | TEXT ITEM NUMBER | 2 BYTES |
| | | TOTAL | 54 BYTES |

FIG. 7

PROGRAM INFORMATION PG1

| RBP | | CONTENTS | NUMBER OF BYTES |
|----------|--------------------------|---|-----------------|
| 0 TO 0 | EN_CN | ENTRY CELL NUMBER | 1 BYTE |
| 1 TO 29 | PRIMARY TEXT INFORMATION | RECORDING START TIME STAMP (YEAR;4B, MONTH;4B, HOUR/MIN;3B) | 11 BYTES |
| | | RECORDING START TIME STAMP (YEAR;4B, MONTH;4B, HOUR/MIN;3B) | 11 BYTES |
| | | SOURCE NAME & TV CHANNEL NUMBER | 6 BYTES |
| 30 TO 31 | ITEM Number OF TEXT | TEXT ITEM NUMBER | 2 BYTES |
| | | TOTAL | 32 BYTES |

FIG. 8

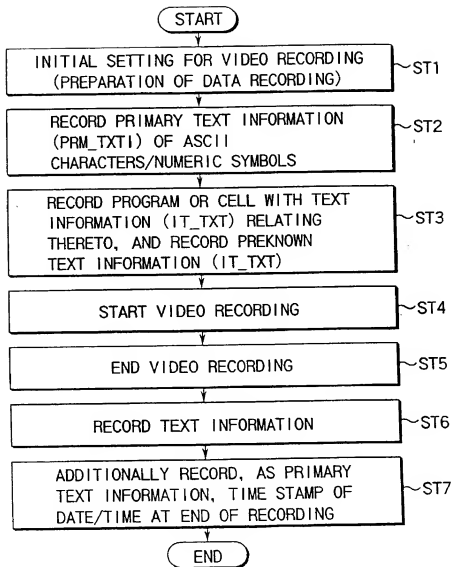
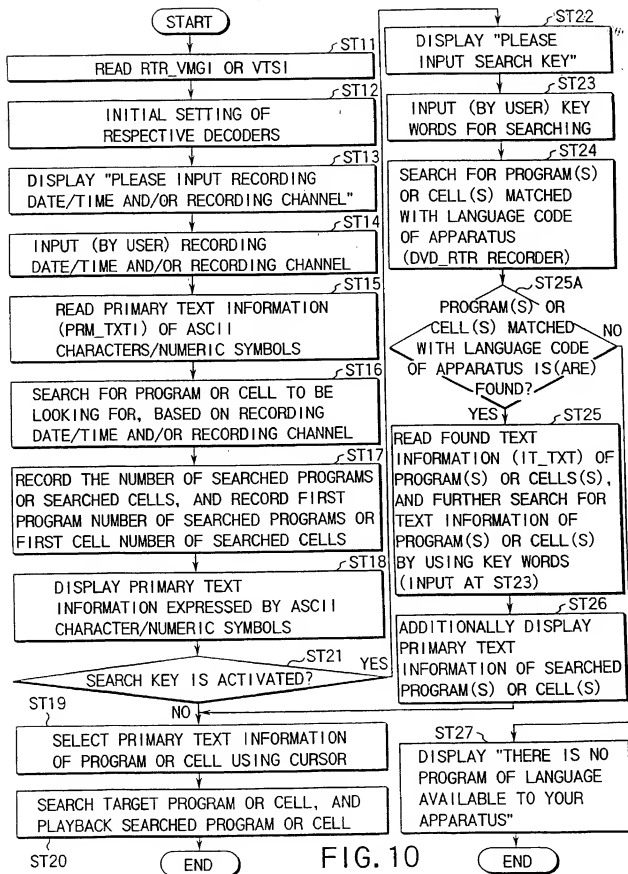


FIG. 9



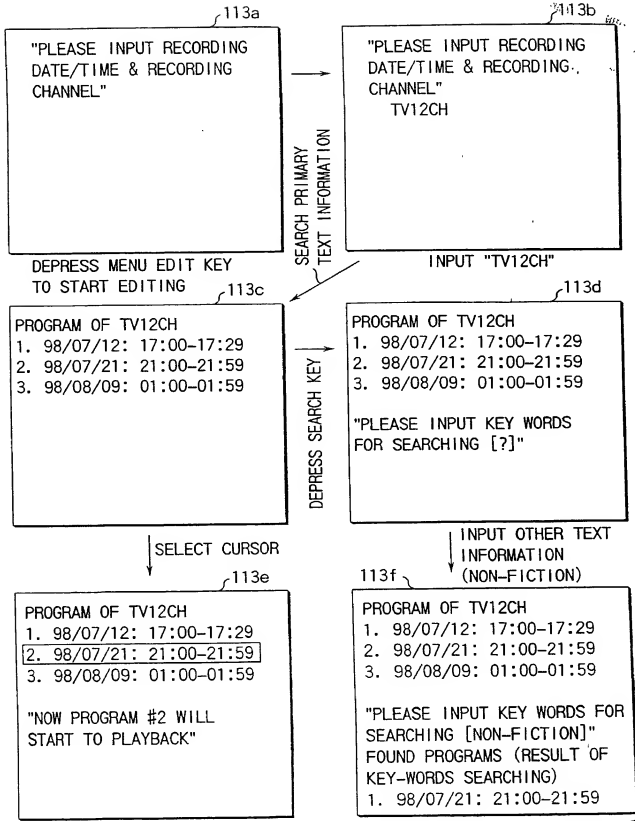


FIG.11

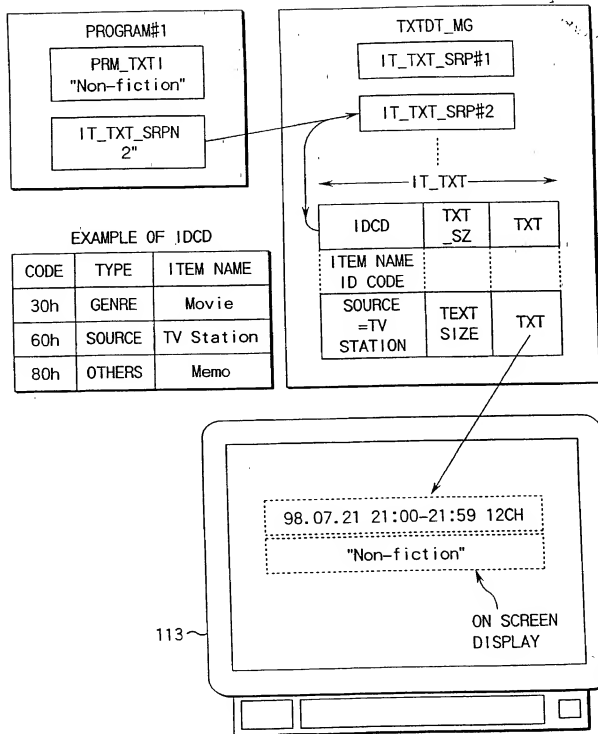


FIG. 12

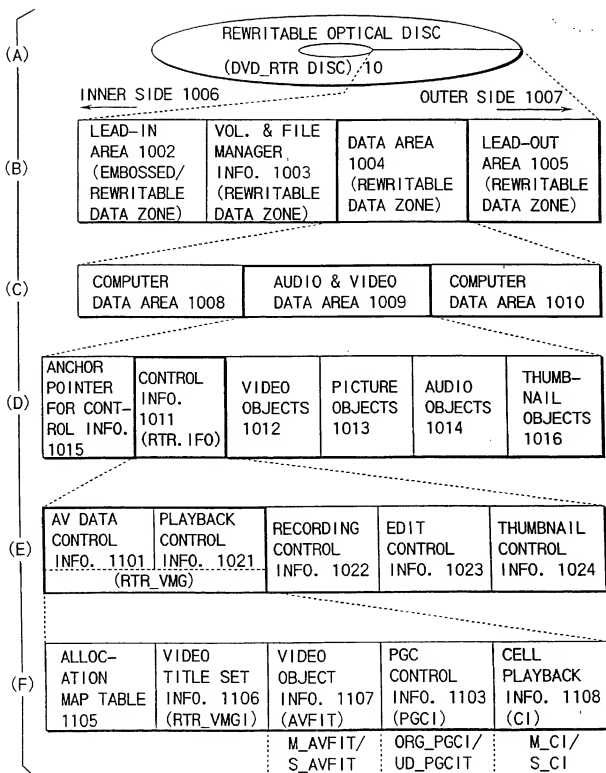


FIG. 13

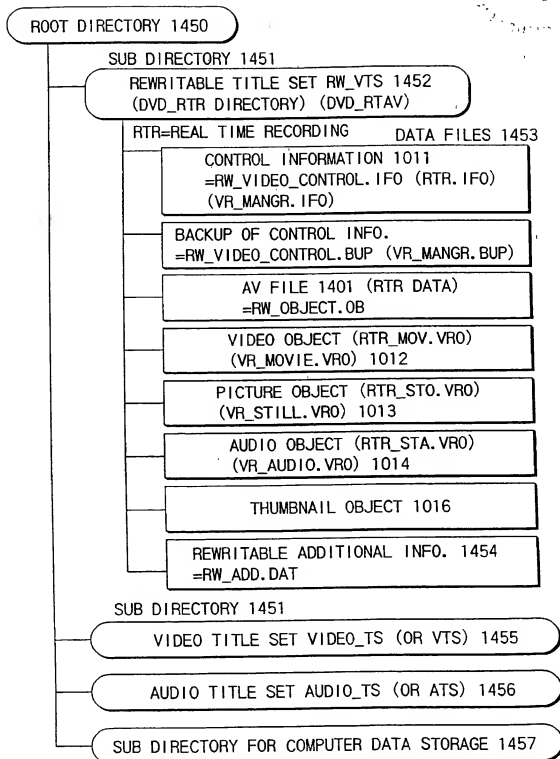
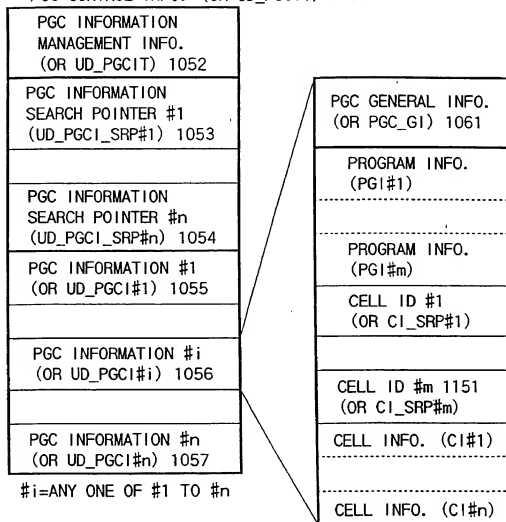


FIG.14

PGC CONTROL INFO. (OR UD_PGCIT) 1103



- *1> PGC INFORMATION (OR UD_PGC1) CAN DEFINE
A GROUP OF ONE OR MORE PROGRAMS;
- *2> EACH PROGRAM CAN BE FORMED OF ONE OR MORE CELLS;
- *3> EACH CELL CAN BE SPECIFIED BY CELL ID (OR CI_SRP);
- *4> EACH CELL ID (OR CI_SRP) CAN INDICATE POSITION
(OR START ADDRESS) OF CELL INFORMATION (OR CI);
- *5> EACH CELL INFORMATION (OR CI) CAN DETERMINE
START TIME AND END TIME OF PRESENTATION OF CELL

FIG.15

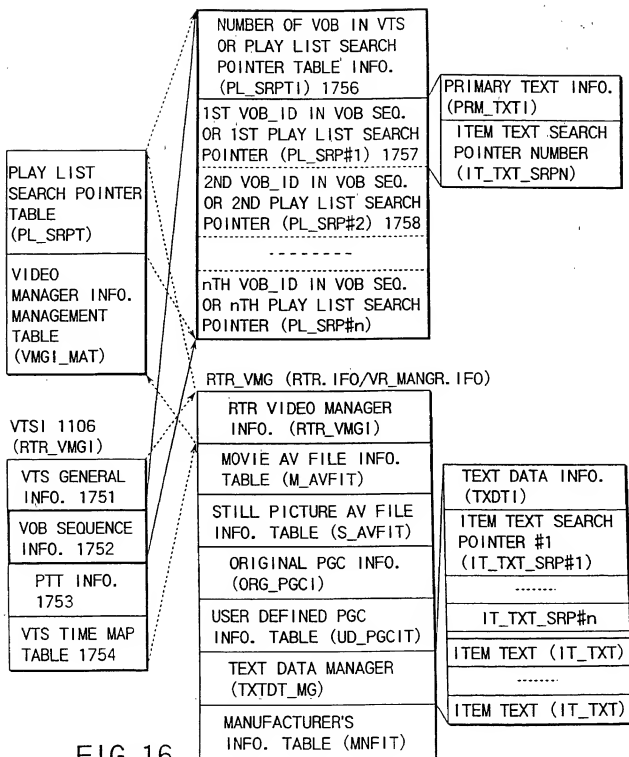
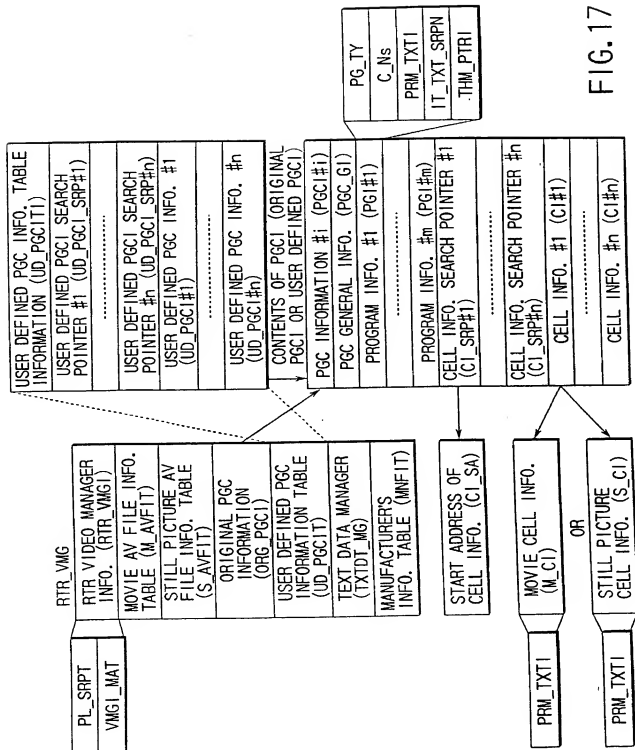


FIG.16



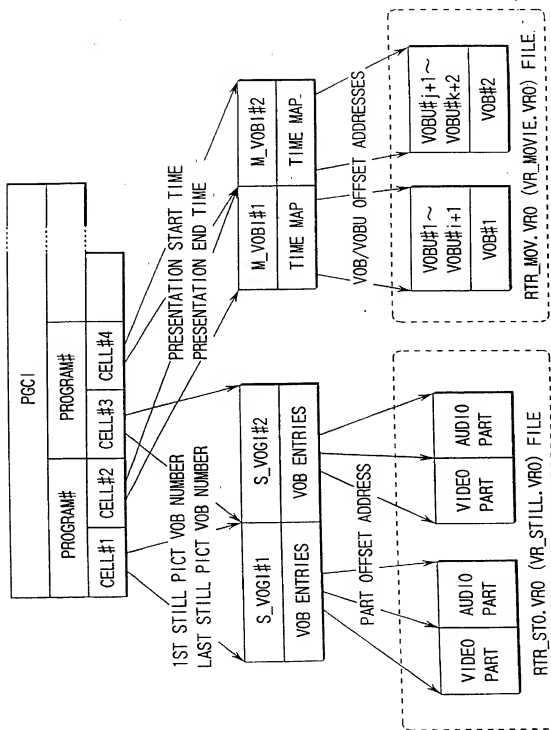


FIG. 18